

# BASIN AND RANGE PROVINCE SEISMIC HAZARDS SUMMIT III

## UTAH GEOLOGICAL SURVEY AND WESTERN STATES SEISMIC POLICY COUNCIL

January 12 – 17, 2015

Utah Department of Natural Resources Building, Auditorium  
Salt Lake City, Utah



The Utah Geological Survey (UGS) and the Western States Seismic Policy Council, in conjunction with the Utah Division of Emergency Management, the Utah Professional Geologists Licensing Board, the Utah Professional Engineers and Land Surveyors Licensing Board, the United States Geological Survey (USGS), the Intermountain Section of the Association of Environmental and Engineering Geologists, the University of Utah Seismograph Stations, and the Utah Seismic Safety Commission will convene a Basin and Range Province Seismic Hazards Summit III (BRPSHSIII) to bring together geologists, seismologists, geodesists, engineers, emergency managers, and policy makers to present and discuss the latest earthquake-hazards research, and to evaluate research implications for hazard reduction and public policy in the Basin and Range Province.

Major Basin and Range Province seismic-hazard topics to be explored at BRPSHSIII by more than 30 invited experts will include:

- Perspectives and User Needs
- $M_{max}$  Issues in the Basin and Range Province
- Ground Motions from Normal-Faulting Earthquakes
- Fault Segmentation and Rupture Patterns in the Basin and Range Province
- Earthquake Engineering and Risk Mitigation
- Emergency Management and Public Policy
- Using Geodesy to Characterize Seismic Hazard in the Basin and Range Province



San Marin Hotel following the 2008 M 6.0 Wells, Nevada earthquake

A one-day pre-meeting short course, workshop, and post-meeting field trip are planned:

- Short Course – Characterizing Hazardous Faults—Techniques, Data Needs, and Analysis
- Field Trip – Salt Lake City's Earthquake Threat and What Is Being Done About It
- Workshop – USGS Evaluation of Hazardous Faults in the Intermountain West Region—2015 Update

BRPSHSIII will include a proceedings volume and a poster session. The papers contributed to the proceedings volume will be published digitally by the UGS, and digital versions of posters will also be included in the volume.

### Registration Costs

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|--------------------------------------|------------------------|-----------------------------------|-----------------------|
| • BRPSHSIII Meeting (Tuesday–Friday) | \$250 (\$150 students) | • BRPSHSIII Short Course (Monday) | \$100 (\$75 students) |
| • BRPSHSIII Meeting (one day only)   | \$125                  | • BRPSHSIII Field Trip (Saturday) | \$60                  |
|                                      |                        | • USGS Hazardous Faults Workshop  | \$35                  |

For additional information and online registration, see the BRPSHSIII webpage at <http://geology.utah.gov/ghp/workgroups/brpshs.htm>, and registration page at <http://brpshs.eventbrite.com>. (Students please e-mail a copy of your student ID to [stevebowman@utah.gov](mailto:stevebowman@utah.gov) for details)



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Partial funding for this educational opportunity has been provided by the Utah Division of Occupational & Professional Licensing and the Education and Enforcement Fund.